

20010611.qrp v02_n217.qrl.20010611

Date: Mon, 11 Jun 2001 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2217

QRP-L Digest 2217

Topics covered in this issue include:

- 1) [99821] Antenna problem fixed/Mother Nature
by RangerSF5@aol.com
- 2) [99822] Dremel Three-jaw Chuck
by Larry East <w1hue@amsat.org>
- 3) [99823] QRP Dupe Question
by "Steve Yates, AA5TB" <aa5tb@arrl.net>
- 4) [99824] Re: Dremel Three-jaw Chuck
by "Mike Yetsko" <myetsko@insydesw.com>
- 5) [99825] FOX - Pesky Texas Fox Hunt
by "N1LN" <n1ln@earthlink.net>
- 6) [99826] Re: 17mtr DSB: Schematics and pix
by neil tanner <ntan@crosslink.net>
- 7) [99827] Re: HB: Mixer Puzzle
by Monty N5FC <n5fc@io.com>
- 8) [99828] There will be other AT ops in NH
by Ed Lawson <elawson@lawson-philpot.com>
- 9) [99829] More Antenna Advice Please
by "Kevin Nathan" <k7rx@qwest.net>
- 10) [99830] Re: Dremel Three-jaw Chuck
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 11) [99831] Re: Thanks for Gap Information
by "Dan W. Dooley" <dandooley@pipeline.com>
- 12) [99832] need Kenwood reflector
by Drbob92031@aol.com
- 13) [99833] Re: G3YCC "Website"
by Fran Flynn <fflynn@adelphia.net>
- 14) [99834] A-T UN-Alert: let's talk about lightning....
by "ss lyon" <sslyon@megalink.net>
- 15) [99835] Re: FOX - Pesky Texas Fox Hunt
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 16) [99836] Antenna launching in the 21st century [Novel Length]
by Nick Kennedy <nkennedy@tcainternet.com>
- 17) [99837] Re: G3YCC "Website"
by "Tony Fishpool" <g4wif@btinternet.com>
- 18) [99838] Re: multiband dipole ant
by "Adrian Weiss" <aweiss@usd.edu>
- 19) [99839] VHF QSO PARTY K0FRP

- by "al dawkins" <alk0frp@home.com>
- 20) [99840] Re: G5RV Balun Use Question
by "Adrian Weiss" <aweiss@usd.edu>
- 21) [99841] Re: G5RV Balun Use Question
by "George, W5YR" <w5yr@att.net>
- 22) [99842] Simple Radio kits for QRPers!
by "Oleg Borodin" <master72@lipetsk.ru>
- 23) [99843] Re: G5RV Balun Use Question
by "Phil (VA3UX)" <phil@vaxxine.com>
- 24) [99844] Re: VHF QSO PARTY K0FRP
by "Steve Yates, AA5TB" <aa5tb@arrl.net>
- 25) [99845] Re: Antenna launching in the 21st century [Novel Length]
by Vance Huntsinger <vhuntsinger@iwic.net>
- 26) [99846] Re: Antenna launching ... Sling Shot HINT
by "ss lyon" <sslyon@megalink.net>
- 27) [99847] [HB] 6 meter design?
by Kenneth Hoglund <hoglund@wfu.edu>
- 28) [99848] Emergency Declared in Texas
by "Brian" <bmmurray@amexol.net>
- 29) [99849] Misc RV adventures
by "Ron, KU7Y" <ku7y@qsl.net>
- 30) [99850] Re: Antenna launching ... Sling Shot HINT
by Jeff Stai WK6I <jstai@home.com>
- 31) [99851] SLV is sold
by Robsparks@aol.com
- 32) [99852] Re: G3YCC "Website"
by Ted Wagner <kb9rpd@yahoo.com>
- 33) [99853] VHF-QRP, anyone else?
by "Draper, Bruce L" <draperbl@sandia.gov>
- 34) [99854] New England QRP for SSB
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [99855] Re: VHF-QRP, anyone else?
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
- 36) [99856] Corrupted posting...
by "Mike Yetsko" <myetsko@insydesw.com>
- 37) [99857] Re: [99689] Summary FD Laptop power suggestions
by ed.kwik@delphiauto.com
- 38) [99858] VHF Contest QRP rover
by Tim ORourke <TORourke@KaiserFT.com>
- 39) [99859] Review of Hawaii QRP opps
by Ken Paulson <kpaulson@earthlink.net>
- 40) [99860] Meters, meters...another KA1AXY giveaway!
by Peter_Simpson@ne.3com.com
- 41) [99861] 2n2/40 question
by David Siegrist <david.siegrist@compaq.com>
- 42) [99862] Re: G3YCC "Website"
by <baltimoremd@baltimoremd.com>
- 43) [99863] Need advice

by RangerSF5@aol.com
44) [99864] Wars!
by Brian Kassel <bkassel@dancris.com>
45) [99865] For Sale
by Peter James <ptndi@yahoo.com>
46) [99866] Re: Wars!
by Ted Wagner <kb9rpd@yahoo.com>
47) [99867] Re: 2n2/40 question
by "George, W5YR" <w5yr@att.net>
48) [99868] Re: Need advice
by "George, W5YR" <w5yr@att.net>
49) [99869] New England QRP for SSB
by ed.kwik@delphiauto.com
50) [99870] Re: Wars!
by alan.kaul@att.net
51) [99871] Florida Hamfests
by Euramcom <mel@euramcom.freemove.co.uk>
52) [99872] Re: QRP Dupe Question
by "Joe Spencer" <kk5na@quadj.com>
53) [99873] Re: Wars!
by "George, W5YR" <w5yr@att.net>
54) [99874] Re: VHF-QRP, anyone else?
by "Howard Kraus" <K2UD@adelphia.net>
55) [99875] JunkBoxWars! Addenda
by Brian Kassel <bkassel@dancris.com>
56) [99876] Good verticals in Force 12 and Gap Titan
by "Stuart Rohre" <rohre@arlut.utexas.edu>
57) [99877] Solid Enameled Wire
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
58) [99878] Yes, your Gap Titan was too close to other metal
by "Stuart Rohre" <rohre@arlut.utexas.edu>
59) [99879] Re: New England QRP for SSB
by Bill ROWLETT <kc4atu@yahoo.com>
60) [99880] Re: New England QRP for SSB
by Bruce Muscolino <w6toy@erols.com>
61) [99881] Re: Need advice
by "Bob Tellefsen" <n6wg@earthlink.net>

Date: Sun, 10 Jun 2001 19:33:05 EDT
From: RangerSF5@aol.com
To: qrp-L@lehigh.edu
Cc: antennas@qth.net
Subject: [99821] Antenna problem fixed/Mother Nature
Message-ID: <d.15f3d054.28555db1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Many thanks to all who responded to my post.

Looks like from all the mail I received the bands are not in the best condition.

I have the rig on now and starting to hear things perk up a bit and listened to a QRP district # 1 coming in good.

Many stations I hear are going QRT due to QRM.

Must be storms in the mid west.

I'm hearing an S 3-4 QRN clashing here in NJ

So I'm glad my antenna is OK.

Again thanks to all for the info and tips, & suggestions.

Bob

WA2HOQrp <tm>

Date: Sun, 10 Jun 2001 17:38:52 -0600

From: Larry East <w1hue@amsat.org>

To: qrp-l@lehigh.edu

Subject: [99822] Dremel Three-jaw Chuck

Message-ID: <5.1.0.14.2.20010610173828.00ac9050@mail.ida.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Went to Home Depot yesterday to pick up a few tools, and discovered that Dremel makes a neat little three-jaw chuck! Hotdam - no more collett changing! This chuck has probably been available for awhile, but it's the first time I'd seen one. For the benefit of you other clueless types out there, it is Dremel Part No. 4486.

L.

Date: Sun, 10 Jun 2001 18:53:15 -0500

From: "Steve Yates, AA5TB" <aa5tb@arrl.net>

To: QRP-L Distribute <qrp-l@Lehigh.EDU>

Subject: [99823] QRP Dupe Question

Message-ID: <00cc01c0f208\$84c77c20\$a2713ed8@pavilion>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

I'm a little slow but I finally have discovered the QRP Dupe Logging software. I'm suggesting it to my local radio club for use at our Field Day operation. We are planning on operating QRP

battery again this year and in the past we've always used TR Log but it seems that none of us in the club use this TR Log except during Field Day and we are always keeping our fingers crossed hoping that we recover all of the logs and have all of the information input correctly. QRP Dupe appears to be MUCH more intuitive and for the few minutes that I have played around with it I can't find any problems.

For those that have used it already, would you recommend it for a multiple station setup (a lap top at each station) and if so, are there any anomalies that we should be aware of? For that matter, is there any other free and downloadable software that would be better for this purpose? I don't want to be hung from one of the club's 100' oak trees at the end of Field Day ;-)

73,
Steve Yates - AA5TB
Fort Worth, Texas
Grid Square: EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb/>

Date: Sun, 10 Jun 2001 20:14:38 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w1hue@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99824] Re: Dremel Three-jaw Chuck
Message-ID: <001301c0f20b\$835c4c00\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There are TWO different 3-jaw chucks. There is an 'older' version that will not fit on the end of the 'extension shaft'. But anything at a major store should be fairly recent stock and work on both the moto-tool and the flexible extension shaft.

Be aware, it doesn't work that well. You have to have things REALLY tight...

Mike

----- Original Message -----
From: Larry East <w1hue@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, June 10, 2001 7:38 PM
Subject: Dremel Three-jaw Chuck

> Went to Home Depot yesterday to pick up a few tools, and discovered that
> Dremel makes a neat little three-jaw chuck! Hotdam - no more collet
> changing! This chuck has probably been available for awhile, but it's
the
> first time I'd seen one. For the benefit of you other clueless types out
> there, it is Dremel Part No. 4486.
>
> L.
>
>

Date: Sun, 10 Jun 2001 19:27:00 -0500
From: "N1LN" <n1ln@earthlink.net>
To: "TDXS" <tdxs-list@moonbounce.n5iq.org>, "Zed - K5ZTY" <k5zty@juno.com>, "W5MJ" <w5mj@houston.rr.com>, "W5HNS - Henry" <w5hns@aol.com>, "Tom - N5TW" <n5tw@igg-tx.net>, "Paul - W5PF" <w5pf@arrl.net>, "OJ - K10J" <k1oj@ditdit.com>, "N5ET - Bob" <n5et@arrl.net>,
Subject: [99825] FOX - Pesky Texas Fox Hunt
Message-ID: <006201c0f20d\$3e1f28e0\$7a2bfea9@im02>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Are YOU READY HUNTERS?? Only two more days until the night of the HUNT ! !

Lets hope the rain finally stopped in Houston and the Foxes are dry again.
Lots
of us are live there.

See how many of those Pesky Texan pelts you can collect ! ! ! !

THE EVENT WILL BE HELD ON:

Date / Time:

UTC: June 13, 2001 @ 01:30 - 03:30 UTC

CDT: June 12, 2001 @ 20:30 - 22:30 CDT

Frequency: 40 Meters - 7.035 - 7.055 (perhaps a bit higher and lower)

Exchange: <Call><RST><State><Name><Power>

NOTE 1: The starting time - trying to allow for our west coast hunters and perhaps some better 40 meter propagation.

NOTE 2: This is a QRP event - the less power the Hounds run - the more points for the Foxes.

FOX Scoring:

- > 1 point / QSO for Q's with hounds running 3w or more
- > 3 points / QSO for Q's with hounds running 1 - 2 watts
- > 5 points / QSO for Q's with hounds running less than 1 watt
- > 10 points / QSO for DX hounds (excluding Canada)
- > Multiplier = first QSO with a new state / province

TOTAL SCORE: (QSO Points) x Multipliers = Total Score

The FOX with the highest score will win the Pesky Texan Fox Hunt plaque.
2nd and 3rd Place Certificates will be awarded.

The Hounds that work all Pesky Texans qualify for the official WORKED ALL PESKY TEXANS certificate.

To receive the certificate, hounds must send logs and \$1.00 to my home QTH.

Bruce - N1LN
15283 Runnymede St.
Conroe, Texas 77384

Hounds that send in their logs with more than 15 contacts logged and \$1.00 will receive an official Participation Certificate.

NOTE 3: Only the list of OFFICIAL Pesky Texan Fox Calls (listed below) will qualify for the Worked All Pesky Texans certificates.

Sponsor: NARS - Northwest Amateur Radio Society of Houston, Texas.
Coordinator: N1LN - Bruce n1ln@earthlink.net
Send Logs to: n1ln@earthlink.net

AS OF TODAY - THE FOXES WILL BE

N5TW - Tom
K10J - OJ
WA5OJE - Danny
N5ET - Bob
W5HNS - Henry
W5PF - Paul

N5TU - Earl
AF5Z - Bob
W5TB - Doc
W5USJ - Chuck
K5LN - Bill
WF5W - Cal
K5ZTY - Bill
W5SB - Bill
KK5LD - Dan
W5MJ - Madison
NM5M - Eric
KG5U - Dale
AD5Q - Roy
N1LN - Bruce

Keep the evening of June 12 - 20:30 CDT to 22:30 CDT open. It will be lots of fun.

72 - and look for a few more reminders as the night gets closer.

Bruce - N1LN

Date: Sun, 10 Jun 2001 20:44:54 -0400
From: neil tanner <ntan@crosslink.net>
To: qrp-l@Lehigh.EDU
Subject: [99826] Re: 17mtr DSB: Schematics and pix
Message-ID: <3B241486.A7F507DC@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill....tnx for the article and pix of your project...keep up the good work.....

72-

Neil wa4chq

Date: Sun, 10 Jun 2001 19:52:05 -0500
From: Monty N5FC <n5fc@io.com>
To: n6wg@earthlink.net, qrp-1@Lehigh.edu
Subject: [99827] Re: HB: Mixer Puzzle
Message-ID: <5.1.0.14.1.20010610194515.00a53720@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

On Sun, 10 Jun 2001 09:11:51 -0700, QRP-L, Bob N6WG wrote:
>My guess is that you have somehow configured the diodes in the mixer as a
>full wave rectifier. A FW rectifier puts out twice the incoming frequency,
>making the rectified input signal easier to filter.
>You might want to review the mixer wiring and see if it is consistent with
>other rigs using such a mixer. 73, Bob N6WG

Cool, Bob! You get the Ceeegar! In fact, I had two diodes backwards,
forming a nifty full wave rectifier (and still acting as a mixer -
HI). Turned them around, forming the correct configuration for a
diode-ring mixer, and now I get the expected beat notes.

However, all is yet not well... I still have about 20-30 db losses through
the mixer. However, this shouldn't be too hard to chase down... either I
have the trifilar transformers mis-wired, or my matched 1N5711's ain't what
they should be.

Any other ideas?

72,
monty N5FC

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>
web page (home): <http://www.io.com/~maddog>

Date: Mon, 11 Jun 2001 02:02:36 -0400
From: Ed Lawson <elawson@lawson-philpot.com>
To: qrp-1@lehigh.edu
Subject: [99828] There will be other AT ops in NH
Message-ID: <20010611020236.F6423@work1>
Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

After the frustration wears off, I'm sure there will be at least one and maybe two more NH AT operations this summer as well as one in VT and one in ME by K1VP and/or W1PID. It was just a bad day.

I am planning a weekend backpack that will enable me to operate over two days on the At in the White Mountains...all is not lost. sorry to disappoint those who were listening.

Melt Solder will be on as well no doubt...depending upon the YL population at the campsites.

Ed Lawson
K1VP

Date: Sun, 10 Jun 2001 18:13:00 -0700
From: "Kevin Nathan" <k7rx@qwest.net>
To: <qrp-1@lehigh.edu>
Subject: [99829] More Antenna Advice Please
Message-ID: <001f01c0f213\$a9676580\$1ddbfea9@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Well, I've been over to the new house with a ham buddy and my XYL and I have some interesting info. First, there is a perfect place where the Gap Titan would fit nicely either ground mounted or up off the ground including the counterpoise frame at the bottom. Looking at the arrangement in the small grove of trees which is on my property, they appear much too thick to run a lot of wire antennas in inverted vee or flat top configurations.

However, there is one nice big tree kind of att the edge of the grove with a good tie off place for antennas about 40 to 50 feet up. From that point, there is a nice clear shot to the opposite corner of the yard over the tops of some small trees which could permit perhaps even a quarterwave of wire for 160. I am thinking of having a tree service come out and place a pulley in that tree for me with a halyard coming down to the ground. Now, for my question. I looked on the net but can't really find out much about multiband slopers. Do any of you on this list have any good information on something commercially available in sloper configuration which would allow

operation from ten to 160? I would like to keep the ease of band switching I had available with my B&W folded dipole in Boise if possible. Also, would 40 to 50 feet of wire run down this tree to the ground and a ground rod driven in at that point be sufficient to work against or would you recommend something more?

Again, thanks for all of your advice and I eagerly look forward to the ideas of this group. When you reply to me, please send cc to my work address of kevnathan@dsb.wa.gov so I can get responses at work tomorrow where I will be possibly making calls to order antennas. 72 to all.
Kevin, K7RX

Date: Sun, 10 Jun 2001 21:18:52 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <w1hue@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [99830] Re: Dremel Three-jaw Chuck
Message-ID: <022c01c0f214\$7adc4ea0\$e601b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"Three-Jaw Chuck" --

I've never heard K7Q0 referred to by that name

Dick K2JQ

Date: Sun, 10 Jun 2001 20:22:55 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <wa0sxv@mellinger.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [99831] Re: Thanks for Gap Information
Message-ID: <010801c0f215\$0e4aec00\$0300a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike, interesting comments on the HF9V. I too have one, but mine is elevated to 18 ft at the base.

Your comments on your experience with 17 metres are curious. Though I found 17 a bit tricky to tune, I was able to achieve an SWR of actually under 1.5:1 across the band.

I wonder if you had an antenna analyzer at your disposal? Without that (I have the MFJ259B), any tuning of the antenna is extremely difficult.

The secret of tuning 17 (and other difficult bands) seems too be in the ground (radial) system. As my antenna has always been elevated - at various heights from 10 ft. on up to the current 18 ft., and I have had and tried several different radial systems, the difference in whether or not this band would tune depended on my positioning and actually the length of the radials. Depending on the installation, some experimenting must be done.

I have radials (4 per band) on 40, 30, 20, 17, 12, and 10. To minimize the number of radial tie off points, some of the radials actually are bundled with those of other bands. I started out trying to tie them all in bundles (they are insulated wire) with the goal of having only 4 total tie points. That did not work, of course. I had to separate some by band and run those separate and at angles to eliminate interaction. Needless to say, that all took a lot of time and a heck of a lot of trips to the roof. Yep, ya got to take it down to tune some of the higher bands, but once tuned, they seem to stay put.

80 is working without any dedicated radials. Butternut confirmed to me that this should be the case based on the proximity to ground and the affects of the other radials. I get the bandwidth expected on this band considering the length of the antenna and the "efficiency". I can attest that it does work very, very well on 80.

There are no separate radials needed on 15 of course (uses 40s) and at least in the current position and with the current radial configuration, I'm getting away without separate radials on 6 metres.

Based on my results with this antenna, I am completely sold on it. Yes, I've heard the tirades against some verticals, "even a poor radiator will yield some contacts". I do not believe that assessment applies to this antenna at all.

Would I buy another one? In a heartbeat!

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddes love blest ye alle

"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "Mike Mellinger WA0SXV" <wa0sxv@mellinger.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, June 10, 2001 2:11 PM
Subject: Re: Thanks for Gap Information

>
> For 40-15 including WARC, about equal. Hard to tune the HF9V on 17m.
> For 80 and 10, the HF9V does the best. On 80, it is sometimes a lot
better.
>
> HF9V is ground-mounted with 16 16-foot radials. It is a bit of a pain to
> tune for 15, 10, and 6 as you have to take it down.
>
> 73,
> Mike WA0SXV
>

> ----- Original Message -----

> From: "John O. Newell" <jnewell@mediaone.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Sunday, June 10, 2001 13:45
> Subject: Re: Thanks for Gap Information
>
>

> > Just to muddy the waters a little (maybe), here are two
> > reviews covering the Gap Titan and the Butternut HF9V. This
> > particular operator prefers the HF9V. I've been thinking
> > over adding a vertical antenna and read the posts here with
> > interest -- I'd be interested in any comments on these two
> > reviews.

> >
> > <http://www.mellinger.com/wa0sxv/hf9v.html>
> > <http://www.mellinger.com/wa0sxv/titandx.html>
> >
>
>

Date: Sun, 10 Jun 2001 21:37:24 EDT
From: Drbob92031@aol.com
To: qrp-1@lehigh.edu
Subject: [99832] need Kenwood reflector

Message-ID: <fc.79a9413.28557ad4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

To all;
I was in QSO with 6Y5WJ and he is in need of some help with a sick rig. Does anyone know if there is a Kenwood reflector out there and if so please get the address to me so I can pass it on to him.
Tnx in advance
Bob..WA2EAW

Date: Sun, 10 Jun 2001 21:54:33 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [99833] Re: G3YCC "Website"
Message-ID: <3B2424D9.A5C68E0A@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I found it here:

<http://bipq10.bi.ehu.es/gente/iza/>

>>>Subject: [99812] Re: G3YCC "Website"
Message-ID: <20010610.165712.-16581747.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just after Frank passed away, his website was available as a download,
an
8.4 MB executable file that generates his site on your computer.

I have it, but do not remember who I downloaded it from.

Date: Sun, 10 Jun 2001 22:27:09 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <w1pid@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [99834] A-T UN-Alert: let's talk about lightning....
Message-ID: <003f01c0f21e\$04bcda00\$5d8798ce@megalink.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It isn't often that this kind of thing comes up...
Sharon and I went to church today (!!!!) then to a "steering committee" meeting meeting at someone's home down there in Bryant Pond, ME. Great meeting and lunch... watching the grossbeaks, finches and humming birds feeding out on the deck... and as we were preparing to leave, an 155mm howitzer went off. No rain, no warning, just some clouds... just a blinding flash and explosion that 'bout dropped us all to our knees for the wrong reason... -maybe to check if it was time to change the Depends. We looked around to take inventory, and saw nothing out of the ordinary. After the first couple left, we were still looking around when someone noticed that one of the trees just 50' off the deck had a stripe down the trunk. It was 60-70' white pine, and sure enough, there was two stripes where the strike had peeled between 1 and 3 inches of bark in a spiral down the trunk.

So.... having experienced that BLAST, there was NO way I was going to connect my 88' dipole and 270' of HB ladderline to the rig and see how Steve "Melt Solder" and the other A-T die-hards were doing. In fact, I was worried about hearing that Steve might be a melted blob over there on the A-T mountain site just a few miles away. Now, hearing the travails of the VP/PID expedition on top of all that, I've got a whole new perspective on forecasts and safety. Oh... Yaaa....

72 / 73,
"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
FN44nj

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

----- Original Message -----

From: "Jim Cluett" <w1pid@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, June 10, 2001 5:01 PM
Subject: AT UN-Alert

> Let's be up front. This is a story about
> a failed AT mission.
>
> It was awful! We (K1VP and I) got to the trailhead and
> we

> could hear the thunder. I put up an antenna
> anyway. 30 feet into a nice branch. Then it
> poured. Then it hailed. Then it stopped and I
> started listening on 20 meters. Sounded dead.
> Then it rained again. Finally the sun came out...
> and it got worse. We decided to move to a place
> where we could watch the weather coming in. Near
> a small lake. The weather looked OK. We set up again.
> Ed put up his SLV near the lake. He was going to
> operate
> 15 meters with his Sierra. I went over to the outfall.
> It was a dam with a scrubby pine tree nearby. I got
> the
> wire up in the tree 18 feet or so. And I thought I'd
> sit
> on the cement dam abutment. Then I smelled the pee
> (excuse
> me). OK.. I'll put up with the smell. Then it was the
> ants.
> I must have somehow stirred up a nest. There were
> hundreds of
> them. all over my legs, the rig (DSW-20), in my shoes.
> OK...
> I can stand the ants... I have a duty here. Then it
> started to sprinkle. Done.
>
> Neither Ed nor I made any contacts. We failed. I
> simply
> cannot guarantee that we will ever try again.
>
> -the end-
>
> p.s. This is the first time either Ed or I have
> ever operated in the field and failed to make a
> contact.
>
> Jim w1pid@arrl.net
>
> -----
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail - only \$35
> a year! <http://personal.mail.yahoo.com/>

Date: Mon, 11 Jun 2001 02:50:12 +0100
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>

To: qrp-1@Lehigh.EDU
Subject: [99835] Re: FOX - Pesky Texas Fox Hunt
Message-ID: <5.0.2.1.0.20010611024809.00a01680@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I am getting email on this, so here is my point of view.

This exercise is not any part of the QRP-L Foxhunt that has been going on for some 4 or more years. It is a copy of same.

FYI

Chuck Adams, K7Q0 CP-60
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15

States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7
PJ ZL2

Moving to Arizona? --- Bring your own water.

Date: Sun, 10 Jun 2001 22:21:32 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [99836] Antenna launching in the 21st century [Novel Length]
Message-ID: <01C0F1FB.B497B3A0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Getting lines over trees for wire antennas has been most frustrating part of ham radio for me for many years. I've tried a number of methods, with varying degrees of failure. I'll describe the evolution of antenna line launching below:

PRIMITIVE MAN'S METHOD--ROCK & STRING:

The simplest technique is to tie the line to a rock and hurl it. This is fine for some guys, but Sandy Koufax I ain't. I'm not sure I could clear a 25 foot limb. Plus, after two or three attempts my arm would hurt for a week.

HUNTER/GATHERER PHASE--BOW & ARROW:

Things picked up after we bought the boys bow and arrow sets one Christmas.

I made a nice arrow out of a fat dowel stick with some heavy solder wrapped around the tip. Even had some feathers glued on at one point. I'd tie the line from the Zebco 33 to the arrow and launch away. The biggest problem was that these bows were almost, but not quite grown-up sized.

About 50 feet was the most I could do and it might take several tries to get there.

20TH CENTURY MODERN MAN--THE SLINGSHOT:

Decided to upgrade to something better. I'd been reading a lot about using slingshots, the kind with two strong pieces of rubber tubing attached a leather pad and a forked handle. Using plans found on the web, I bent a flat piece of steel and mated a fishing reel to the weapon. I took this device to my mountain place for QRPTTF. My neighbor came over to assist.

The problem with this thing was that the line kept snagging and the projectile would come right back at us at high velocity. I think it may be because I use an open faced reel and the line tends to spill out and catch on something at just the wrong time.

We detoured into the Old Testament version when my neighbor claimed to have been good at the 'David & Goliath' style slingshot as a kid. That's where you tie on a rock and spin it in a four foot circle at high speed, then release. The effect could be impressive, but the projectile was subject to going just about any direction 360 degrees from the launcher. I hid behind the trailer while my neighbor tried to regain his youthful skill. He eventually got the rock over a tree, although it wasn't the one he was aiming at. My QRPTTF antenna was a pathetic 25 feet high.

I decided to give the slingshot method one more try when I needed to erect a 6 meter dipole at home. I pulled the leather back a mile and launched the rock. It went out about ten feet, came straight back and cracked me on the second joint of my middle finger. It still hurts today. I decided I'm too old to be hitting myself with rocks and set out to find something better.

FUTURE MAN; ANTENNA ODYSSEY 2001--THE SPUD GUN:

I'd been reading about them on QRP-L. I printed out an article from the Flying Pigs 10/2000 issue by Bob, K8YS on the subject. Hey, a spud gun is

so simple even a mechanically challenged guy like me can build one.

There's one area where you have a lot of flexibility and can show your creativity, and that's how you make the spark. Well, my son had been bringing home some disposable cameras from the 1-hour shop where he works.

That flash circuit thing oughta be able to make a spark.

There are easier ways to produce a spark, but it seemed in keeping with the ham radio theme to use the flash unit to do it. The gizmo turned out to be a little more complicated than I'd imagined. Took some head scratching to figure it out. Turns out there are three electrodes. Two from the 300 volt capacitor go to the electrodes of the krypton bulb, and the third goes to a piece of foil partially wrapped around the tube. The firing circuit generates some seriously high voltage to this third electrode which ionizes the gas (the 300 volts alone won't do it). Then the capacitor can dump it's energy into the ionized tube. So I had to put three electrodes in the spud gun too. The HV ionizes the air gap and then the cap dumps all its charge across the ionized path. ka-POW!

Naturally, while experimenting with the thing I managed to get across the 300 volt capacitor at least once. I hit the deck. Heard departed relatives calling. Smelled St. Peter's after-shave. Saw the smokey red light ...

Anyway, the firing circuit was impressive. It made one heck of a loud pop and blue flash, even with no hairspray. The next hard part was getting up the nerve to shoot the gun. All the articles I read had lots of cautions and warnings that they won't be held responsible if you blow your head off.

The fact that the 4 inch PVC pipe was stenciled "not for pressure use" was a little disturbing. I wrapped the whole thing in a towel to catch the shrapnel in case it blew up. The first time I fired it, I just leaned it against a support and stayed a foot or two away as allowed by the wire length from my firing circuit. I wasn't prepared for the cherry-bomb loudness of it. The recoil sent the gun flying backward, tearing the electrode wires off. I fell backwards as well, from the startle reflex.

Then I ran into the house and hid, ears ringing, figuring all the neighbors on the block were busy dialing 911.

I kinda stayed away from the thing for about a week, then took it to the mountain to give my neighbor the honor of breaking it in. Hey, when you need to test something scary ... that's what kids and friends are for, right? It worked great but I didn't have the fishing reel mounted on it yet, so no antenna launching was done.

My son found out that it was good for shooting at squirrels raiding our bird feeders. To keep from knocking neighbor's houses down, he just fired dish towels at them. As we got comfortable with it, I could see myself establishing hegemony over Southwest Russellville, AR. Kind of a spud-gun Matt Dillon.

OK--the denouement: Yesterday the big VHF test started. Time to go back to the mountain and put up a 6-meter dipole. Words fail to describe it. It's like comparing a J-38 to a Brown Bros paddle and smooth keyer. Point and shoot. There's no more of this, "Should I shoot for that limb? Or do I dare go for that higher one?" stuff. Just shoot over the whole cotton pickin' tree. One shot, one line. Wow. In the old days I could have spent all afternoon putting up one line, inventing new cuss words, rocks and arrows hanging from limbs everywhere. Can't wait for Field Day. I've got the spud gun antenna line launching system. Go ahead. Make my potato salad.

72--Nick, WA5BDU
in Arkansas

Date: Sun, 10 Jun 2001 22:10:38 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [99837] Re: G3YCC "Website"
Message-ID: <008701c0f1f1\$d92707c0\$d558073e@duron>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This was my tribute to Frank. I compiled his website into a single executable. Graham G3MFJ was kind enough to give me the webspace to store it and it can be downloaded from
www.btinternet.com/~g3mfj/g3ycc.exe

I seem to recall that the file was also added to the QRP-L CD.

Kind regards
Tony - G4WIF

----- Original Message -----
From: <wb2vuo@juno.com>

> Just after Frank passed away, his website was available as a download,
> an
> 8.4 MB executable file that generates his site on your computer.
>
> I have it, but do not remember who I downloaded it from.
<snip>

Date: Mon, 11 Jun 2001 06:44:38 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-1@Lehigh.EDU
Subject: [99838] Re: multiband dipole ant
Message-ID: <GER17B00.180@mail.usd.edu>

Hi Dennis:

May I ask -- what is the point of the balun? Do you have to use RG213 or other coax because of a physical problem in getting the ladderline into the house? If not, and you can run the ladderline directly to the tuner, forget the balun and RG213. The balun will only introduce unnecessary complexity both to the setup and to the antenna/feedline system.

72, Ade

Date: Sun, 10 Jun 2001 22:45:01 -0600
From: "al dawkins" <alk0frp@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [99839] VHF QSO PARTY K0FRP
Message-ID: <000901c0f231\$46e4e860\$0300a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I took the plunge and tried 6 meters. Yes 40 years as a Ham and never worked 6 meters. I borrowed a IC 706 from Dick AB0Cd and used a home brew 4 el on a 12 foot boom at 25 feet on a tripod on the garage.

I went 6m only QRP (No QRP Class but to prove a point). The first hour 67 q's into Minn and Iowa to Mi and OH. I missed a after midnight opening to New England on double hop. Go figure, 6 Meters open after midnight No was I was in Bed. Sunday west only except a few into FL and SE area for a few hours. This is fun. I will have to try a 4 hour or more on VHF on FD instead of working HF.

All toll 168 Q's in 61 grid squares and 18 states. Plus Mexico as a first county. Not a record but fun to try 6 meters. My next rig will have 6 Meter on it for sure.

Peaking 2.5 watts on the WM-2 watt meter can produce results, my 4 el was made from spare aluminum. I will get this antenna at the 77 foot level feed with Heliac. Look Out ??? Just fun to try new horizons. A local ham SE of Denver was working stations I could not hear so the height will make the difference.

Fun week end.

AL K0FRP

Date: Mon, 11 Jun 2001 06:54:48 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-1@Lehigh.EDU
Subject: [99840] Re: G5RV Balun Use Question
Message-ID: <GER10B03.88X@mail.usd.edu>

Hi all:

The introduction of a balun at the end of the specified length of ladderline makes no electrical sense although it provides an apparent advantage of completing the feedline with a run of coax to the transmitter. G5RV, Moxon, and several other antenna guru's have all pointed out that the balun simply complicates matters given the wild antenna impedances which the "compromise length" of the G5RV presents to a feedline. Run a 102ft centerfed model thru EZNEC to see the problem.

Unless you can't, just run any length of ladderline right to the ant. tuner. This will provide the most efficient system.

72 Ade

Date: Mon, 11 Jun 2001 00:25:02 -0500
From: "George, W5YR" <w5yr@att.net>
To: aweiss@usd.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99841] Re: G5RV Balun Use Question
Message-ID: <3B24562E.BD1098A2@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use a 1:1 W2DU current balun in each of two ladderline installations to transition to coax for entry into the shack via the attic. The baluns serve primarily, if not solely, to minimize r-f current on the outer braid of the coax feeder going to the antenna tuner in the shack.

I think that this application of current baluns as chokes makes a great deal of "electrical sense." The W2DU balun is, of course, largely unmindful of the impedances into which it is terminated and from which it is fed. Thus, Varney's and other's objections really don't apply here.

Apparently, they do the job very well since there are no "r-f in the shack" problems with any of the computers, radios, or audio processing equipment, etc., and the MJF 989C is able to handle matters on all bands 80 - 10 with both the 20-meter EDZ and the 40-meter full-wave horizontal loop antenna.

No "r-f shack ground" is used in this or any other shack that I have had in over 55 years of amateur operation.

The loss in the approximate 13 ft coax lengths is negligible although the SWR in those sections is rather high on some bands.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Adrian Weiss wrote:

>

> Hi all:

>

> The introduction of a balun at the end of the specified length
> of ladderline makes no electrical sense although it provides
> an apparent advantage of completing the feedline with a
> run of coax to the transmitter. G5RV, Moxon, and several
> other antenna guru's have all pointed out that the balun
> simply complicates matters given the wild antenna impedances
> which the "compromise length" of the G5RV presents to
> a feedline. Run a 102ft centerfed model thru EZNEC to see
> the problem.

>

> Unless you can't, just run any length of ladderline right to
> the ant. tuner. This will provide the most efficient system.

>

> 72 Ade

Date: Mon, 11 Jun 2001 13:03:21 +0400
From: "Oleg Borodin" <master72@lipetsk.ru>
To: "qrp-l" <qrp-l@lehigh.edu>, "G-QRP" <gqrp@yahoogroups.com>
Subject: [99842] Simple Radio kits for QRPers!
Message-ID: <20010611090427Z9954-54815+3601@relay.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain; charset=Windows-1251
Content-Transfer-Encoding: 7bit

Dear OMs!

I'm glad inform you about new QRP kits of "simple-radio" category:

- DSB trcvr with VFO for any single band 160/80/40 (\$65)
- RX d.c. 80m (very high gain, fine sensetivity, nice for control rx - \$25)
- VHF RX d.c. 144 mhz (I don't know any vhf kits in World?) - \$30
- Micro-80 (wellknown the smallest in World 35x50mm full QSK really working tcvr),

any band of 160/80/40/30/20 (\$20)

The kits are include all details, wires, forms, PCB and schemes/manuals.

They are all "The one holyday' constructions"!

All prices are includ post-coast by air-mail. Be sure I'm answer for all your questions (personal mail, please).

P.S. I send the kits for all who ordered. Let me know anybody who did not get the parcels yet, pse.

The best of all for ALL!

72 & 73! de RV3GM/QRP Lipetsk, Russia
G-QRP#4690 QRP-ARCI#10742 QRP-MASTER#50
eng. Oleg V. Borodin E-Mail: master72@lipetsk.ru
"Micro-80" trcvr at Web <http://www.qsl.net/rv3gm/>

Date: Mon, 11 Jun 2001 07:15:37 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [99843] Re: G5RV Balun Use Question
Message-ID: <5.0.2.1.0.20010611070928.009ee360@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Using a transformer balun (aka "Voltage Balun") makes no sense and that's what those authors were referring to when they made those statements. So you (and they) are right. But, using a Choke balun (aka "Current Balun") makes good sense : it will force equal currents in both legs of the ladder line and prevent current flow on the outside of the coax shield. A Current

Balun ("choke") does not provide any impedance transformation and does not have a characteristic impedance. Current Baluns were not known when Varney and Moxon were writing those articles.

Phil

At 06:54 AM 6/11/2001 +0000, Adrian Weiss wrote:

>Hi all:

>

>The introduction of a balun at the end of the specified length
>of ladderline makes no electrical sense although it provides
>an apparent advantage of completing the feedline with a
>run of coax to the transmitter. G5RV, Moxon, and several
>other antenna guru's have all pointed out that the balun
>simply complicates matters given the wild antenna impedances
>which the "compromise length" of the G5RV presents to
>a feedline. Run a 102ft centerfed model thru EZNEC to see
>the problem.

>

>Unless you can't, just run any length of ladderline right to
>the ant. tuner. This will provide the most efficient system.

>

>72 Ade

Date: Mon, 11 Jun 2001 07:15:30 -0500

From: "Steve Yates, AA5TB" <aa5tb@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [99844] Re: VHF QSO PARTY K0FRP

Message-ID: <003501c0f270\$36f5a0e0\$8a713ed8@pavilion>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

> A local ham SE of

> Denver was working stations I could not hear so the height will
make the

> difference.

> Fun week end.

> AL K0FRP

Hi Al,

I'm sure that you are correct about the antenna height but you
might also note that on 6m with sporadic-E propagation (the mode

used for most stateside ionospheric contacts) it is very common for a given path to be open to you and not someone a few miles away and vice versa. It is common to only be able to work into very specific areas that tend to wander around. I have often worked stations using a only a low dipole that folks with high yagis only a few miles away couldn't hear. A few minutes latter the reverse would be true.

Sporadic-E reflections seem to be more specular, whereas other ionospheric modes on HF tend to be more diffuse. You might envision some sporadic-E clouds to resemble nice little mirrors that wobble and move around with time. If this is the case, the reflected signal will have a very narrow beamwidth, sort of like a flashlight beam pointed back to the earth. This also accounts for the very little phase distortion on FM signals that are propagated via sporadic-E in my opinion. If you've ever operated FM on 6 or 10m you may have noticed that long distance signals reflected off of the F layer are often very distorted at times whereas sporadic-E signals are clear and crisp but with sometimes rapid QSB.

This is one of the quirks about 6m that makes it fun.

73,
Steve Yates - AA5TB
Fort Worth, Texas
Grid Square: EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb/>

Date: Mon, 11 Jun 2001 07:35:20 -0500
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99845] Re: Antenna launching in the 21st century [Novel Length]
Message-ID: <4.2.0.58.20010611073155.00a4f7a0@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Nick, I'm still laughing so hard it's difficult to type. You really should submit this to one of the ham magazines!

Vance--WA9YDJ

Date: Mon, 11 Jun 2001 08:44:14 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <nkennedy@tcainternet.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [99846] Re: Antenna launching ... Sling Shot HINT
Message-ID: <005801c0f274\$3a467cc0\$5d8798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great one Nick! -you've convinced me to build the spud gun at last. I still use the sling-shot (in the field a lot) but learned the trick for preventing the surprise snap back. I keep the rod & reel BEHIND me by at least 6' (usually in an equipment bucket) with the line going over my arm up to the sling shot. Haven't had a sore hand since. BTW, I use 18# line and a 3 oz. sinker.

72 / 73,

"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
FN44nj

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel, Me, 04217 U.S.A.
207-836-2576

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, June 10, 2001 11:21 PM
Subject: Antenna launching in the 21st century [Novel Length]

Date: Mon, 11 Jun 2001 09:02:06 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99847] [HB] 6 meter design?
Message-ID: <3B24C14E.DF74DA37@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With all the comments on the joys of 6m, I figure it would be fun to put together a rig to work the "Magic Band." Like I need another thing to put together this summer!

A search of the net yielded mainly homebrew antennas for 6m, but I did
stumble upon 7N3WVM's transceiver for CW/SSB;

<http://www.qsl.net/7n3wvm/xcvr-6m.html>

Looks impressive: any of the gang out there ever try this one?

Anyone else have a favorite design to pass along?

73,

Ken KG4FGC

Date: Mon, 11 Jun 2001 10:02:40 -0400
From: "Brian" <bmurrey@amexol.net>
To: "QRP-L" <qrp-l@lehigh.edu>, "pigs" <fpqrp-l@mpna.com>
Subject: [99848] Emergency Declared in Texas
Message-ID: <000d01c0f27f\$2e0a01b0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SB QST @ ARL \$ARLB021
ARLB021 COMMUNICATIONS EMERGENCY DECLARED

ZCZC AG21
QST de W1AW
ARRL Bulletin 21 ARLB021
>From ARRL Headquarters
Newington CT June 11, 2001
To all radio amateurs

SB QST ARL ARLB021
ARLB021 COMMUNICATIONS EMERGENCY DECLARED

UNDER THE AUTHORITY OF SECTION 97.401 OF THE FEDERAL COMMUNICATIONS
COMMISSION'S RULES AND REGULATIONS [47 C.F.R. PART 97] A GENERAL
COMMUNICATIONS EMERGENCY IS DECLARED TO EXIST IN THE TEXAS AND
LOUISIANA AREAS, REQUIRING THE PROTECTION OF AMATEUR EMERGENCY
COMMUNICATION FREQUENCIES. AMATEURS ARE REQUIRED TO REFRAIN FROM
USING 7285 (DAYTIME), AND 3873 (NIGHT TIME) PLUS OR MINUS 3 KHZ
UNLESS THEY ARE TAKING PART IN THE HANDLING OF EMERGENCY TRAFFIC.
THIS ORDER IS EFFECTIVE IMMEDIATELY UNTIL RESCINDED.

ARLAN K VAN DOORN, SENIOR ADVISOR FOR PUBLIC SAFETY ENFORCEMENT
BUREAU, FEDERAL COMMUNICATIONS COMMISSION, WASHINGTON, DC.

NNNN
/EX

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

Date: Mon, 11 Jun 2001 07:19:32 -0600
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [99849] Misc RV adventures
Message-ID: <003301c0f279\$69cbc360\$6ec6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

I've been gone for a long time and thought I'd pass along a little update on what's been happening with us and our RV adventures.

As most of you know we were lucky enough to make a AZScQRPion club meeting and saw many old friends again and met several new ones. If you are ever in the Phoenix area at the right time be sure you put this on your schedule. This is one fine bunch of folks. I even got to flirt with Berttie when Bob wasn't looking! :-)

Later we wound up in Bisbee, AZ visiting with Bob, AA7EQ and his wife June. Carol and June had a couple of nice visits while Bob and I played some golf in both Bisbee and Douglas. Fun time was had and we made two more good friends.

Then there was lunch with Dave, W7AQK up in Tucson. That lead to a round of golf where we were "golf cart mobile" in the WPX SSB contest! Always great to see Dave again.....and he is one heck of a golfer!

In Las Cruces it was coffee with Tim, K50I and Karl, K5DI. Then lunch with Tim and his wife Jan. Carol and Jan terrorized the local shopping centers while Tim and I had a great cruse around New Mexico State University

including a good look at the Organ Pipe mountains which are worth \$5,000.....next time you are in Las Cruces be sure to ask Tim about that! We all met in Old Mesilla and had a GREAT dinner. Thanks to all for a wonderful time.

Then we went north to Socorro and a visit with Paul, NA5N and Jan, N0QT. We spent 5 days there, sleeping in our RV but we did a good job of trying to eat them out of house and home. Jan is a GREAT cook and went to a lot of trouble to make sure that we ate not only food that was good for us but also great tasting. And to top it off, Carol and Jan hit it off. They really did have a good time together. Two very nice ladies!

Paul took us out to the VLA where we were given a SUPER tour of the place including a close look at one of the dishes. While a dish that is 88' in diameter doesn't sound all that big, you just can't believe how big they really are until you are standing there! If you like things like electronics, remote control, electro-mechanical toys and computers you would LOVE this place.

He also took up to see some of the very early "cities" of New Mexico. It's amazing to see just what people could build back some 300 to 400 or even more years ago! And just standing in those places trying to image how they managed to live would give you a funny feeling.....kinda like making your skin crawl now and then.....no way to really explain it, you just need to be there and feel it.

Carol and I also went to the Trinity test site which is where the very first atomic bomb was detonated. This is open to the public only two day each year and is another stop worth putting on your schedule. This is another place where words alone just can't describe the feelings. Be sure to take the bus over to the old ranch house where the crew put things together. Lots of history there too.....including a full blown armed stand-off just a few years ago to force the government to finally pay some money to the people who used to own all that land that was TAKEN from them so many years ago! Long story but one that is interesting and should be read by all!

This visit with Paul and Jan was the big highlight of our winter trip! Being able to sit and visit with Paul and see his work bench and all the little goodies that he makes was really something. These are two VERY nice people that we are proud to call friends.

(Did I mention that we drove near Riley, NM and the wind was blowing?) :-)

The rest of the trip back to Boise was fun but not really QRP related until we got to Reno where we visited with many old friends including Dennis, K7BV and his wife Liska. He showed us the video of his trip to East Timor (sp?) where he made several thousand QSO's.

Once back in Boise we got VERY busy and are still on the run.....I have no idea how the heck I had time to have a job!

I worked the WPX CW contest from the shack of Rod, W7ZRC where I did a 40m single band QRP entry. I used his TS950 at 5w and had three antennas to use: A 3 element 40m yagi at 120', a single dipole element fixed on JA land at 90' and a ground mounted vertical. I managed to work 357 Q's with 10 dupes for a total score of just over 200K. Not all that good but I had fun and that's what counts.

One week from today we head for the mountains up near Stanley, ID where we will be hosting a camp ground called Sunny Gulch. We will be there until after Labor Day. I'll spend as much time as I can on 40m CW near the QRP watering hole. I look forward to working many of you.

I will have no phone and very limited, if any, email. Egad.....does that mean that I will have to use amateur radio to communicate with? Wow.....what with the internet I thought that idea had about died out! :-)

OK, back in my hole.....but thanks for the BW.

73,
cul, Ron KU7Y
Full time RVing somewhere in the West!
(Currently in Boise, ID)
A Proud AZScQRPion
Those who trade liberty for security have neither.

Date: Mon, 11 Jun 2001 08:00:50 -0700
From: Jeff Stai WK6I <jstai@home.com>
To: sslyon@megalink.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99850] Re: Antenna launching ... Sling Shot HINT
Message-ID: <5.1.0.14.2.20010611075818.03700d50@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:44 AM 6/11/01, ss lyon wrote:

>Great one Nick! -you've convinced me to build the spud gun at last. I still
>use the sling-shot (in the field a lot) but learned the trick for preventing
>the surprise snap back. I keep the rod & reel BEHIND me by at least 6'
>(usually in an equipment bucket) with the line going over my arm up to the
>sling shot. Haven't had a sore hand since. BTW, I use 18# line and a 3 oz.
>sinker.
>72 / 73,
> "Seab" Lyon - AA1MY

hi - Agreed, but I don't even use a reel - the spool that the line comes on works better than a reel - I simply lay it flat on the ground and the line feeds cleanly off the side of the spool - but yes: over the top of the arm and behind you!

- jeff wk6i

jeff stai
radio stuff: WK6I in DM13
rocket stuff: NAR #21059 TRA #3356 Level 2 Cert.
email: jstai@home.com or wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>
LDRS web page: <http://www.ldr20.org/>

Date: Mon, 11 Jun 2001 11:08:32 EDT
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [99851] SLV is sold
Message-ID: <f9.b346ee4.285638f0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The St. Louis Vertical is sold. Thanks!

Bob Sparks AB5ZD

Date: Mon, 11 Jun 2001 08:08:43 -0700 (PDT)
From: Ted Wagner <kb9rpd@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [99852] Re: G3YCC "Website"
Message-ID: <20010611150843.2284.qmail@web14007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

If no one has any objection, I will volunteer to provide access to the website (unaltered as indicated in the g3ycc.exe program) from my website.

I know the exe could get a little hefty for those with modem connections.

Ted

<http://members.tripod.com/kb9rpd>

=====

KB9RPD

Ted Wagner

Plainfield, IN 46168 USA

<http://members.tripod.com/kb9rpd>

<http://www.qrz.com/database?callsign=kb9rpd>

Do You Yahoo!?

Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Mon, 11 Jun 2001 09:13:11 -0600

From: "Draper, Bruce L" <draperbl@sandia.gov>

To: "'QRP-L'" <qrp-l@Lehigh.EDU>

Subject: [99853] VHF-QRP, anyone else?

Message-ID: <9A4B2157EFDBE546BECD68C62AC3B1C882E058@es05snlnt>

MIME-Version: 1.0

Content-Type: text/plain;

charset=windows-1252

Content-Transfer-Encoding: 7bit

I originally posted this only on the New Mexico QRPers reflector, but it
might be of interest here, too. I saw K0FRP's posting about VHF-QRP
this weekend... did others try it, too?

-Bruce AA5B

I went camping Saturday night with my oldest daughter on
Sandia Crest, and took along an FT817 and a 2-element
6-meter quad I threw together on Friday. I could put it up
only 10 feet on a 1-inch PCV pipe, but it worked pretty
well... maybe because it was on a cliff about a mile above
the surrounding terrain.

We spent most of the time just relaxing and enjoying the
surroundings, but I did manage to put in several hours
tuning the VHF bands. There was a good coast-to-coast
6-meter opening on Sunday morning (and maybe in the
afternoon, too, but we packed up and were home by about
1 PM). I worked about 50 stations on 6 meters from Virginia
to California, and another dozen around New Mexico on 144

and 432 MHz. The radio will run 5 watts, but I didn't know what to expect for battery life so I usually ran just 2.5 or even 1 watt.

Date: Mon, 11 Jun 2001 11:13:04 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [99854] New England QRP for SSB
Message-ID: <007b01c0f289\$1315a1c0\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm going to try to get on QRP SSB tomorrow night at the scout meeting. I plan on taking my K2, and throwing a 40M dipole up in the air on the 'island' the scouts use for their meetings. I'm not sure yet if I'll take a gel-cell or if I'll just try to be near the vehicle (a Gold Wing if it's nice).

I didn't check in before since 7pm is the start of our meetings, but since I saw a recent note about moving back to 7:30...

I'm going to try to be on, if it's nice.

If the weather is bad, I won't make it, as we'll move the meetings indoors to the church basement, and I just couldn't get set up there in a half hour.

So, what frequency? And any issue that need to be addressed?

Mike

Date: Mon, 11 Jun 2001 11:21:53 -0400
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>

To: <draperbl@sandia.gov>
Cc: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [99855] Re: VHF-QRP, anyone else?
Message-ID: <010501c0f28a\$424e24c0\$7ff4fea9@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I had an old Icom 502 battery powered 3w rig before I bought my 817. I used to bring it with me to Florida when I would vacation there and listen for openings. I had a blast working E skip using just the built in telescoping whip antenna from the picnic table at the pier at the boat marina

Scott

Scott Olitsky
AC3A
Buffalo, NY
FN03pa

AC3A@arrl.net

144 MHz EME
4 x M2 9SSB
8877 PA by antennaworks
MHP - 145 preamp
----- Original Message -----

From: "Draper, Bruce L" <draperbl@sandia.gov>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, June 11, 2001 11:13 AM
Subject: VHF-QRP, anyone else?

> I originally posted this only on the New Mexico QRPers reflector, but it
> might be of interest here, too. I saw K0FRP's posting about VHF-QRP
> this weekend... did others try it, too?

>

> -Bruce AA5B

> -----

>

> I went camping Saturday night with my oldest daughter on
> Sandia Crest, and took along an FT817 and a 2-element
> 6-meter quad I threw together on Friday. I could put it up
> only 10 feet on a 1-inch PCV pipe, but it worked pretty
> well... maybe because it was on a cliff about a mile above
> the surrounding terrain.

>

> We spent most of the time just relaxing and enjoying the
> surroundings, but I did manage to put in several hours
> tuning the VHF bands. There was a good coast-to-coast
> 6-meter opening on Sunday morning (and maybe in the
> afternoon, too, but we packed up and were home by about
> 1 PM). I worked about 50 stations on 6 meters from Virginia
> to California, and another dozen around New Mexico on 144
> and 432 MHz. The radio will run 5 watts, but I didn't know
> what to expect for battery life so I usually ran just 2.5 or
> even 1 watt.

>
>
>

Date: Mon, 11 Jun 2001 11:30:16 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <draperbl@sandia.gov>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>, <solitsky@acsu.buffalo.edu>
Subject: [99856] Corrupted posting...
Message-ID: <00ed01c0f28b\$77dfb760\$6b01a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I got Bruce's message fairly truncated and destroyed. Here's what I
got:

> I originally posted this only on the New Mexico QRPers reflector, but
it
> might be of interest here, too. I saw K0FRP's posting about VHF-QRP
> this weekend... did others try it, too?

>
> -Bruce AA5B
> -----
>

> I went camping Saturday night with my oldest daughter on
> was on a cliff about a mile above
> 6-meter opening on Sunday morning (and maybe in the
> ll run 5 watts, but I didn't know
> even 1 watt.

However, I see that Scott responded to the message and it appears
to be fine in Scott's post. Here's what Scott obviously received:

> I went camping Saturday night with my oldest daughter on
> Sandia Crest, and took along an FT817 and a 2-element
> 6-meter quad I threw together on Friday. I could put it up
> only 10 feet on a 1-inch PCV pipe, but it worked pretty
> well... maybe because it was on a cliff about a mile above
> the surrounding terrain.
>
> We spent most of the time just relaxing and enjoying the
> surroundings, but I did manage to put in several hours
> tuning the VHF bands. There was a good coast-to-coast
> 6-meter opening on Sunday morning (and maybe in the
> afternoon, too, but we packed up and were home by about
> 1 PM). I worked about 50 stations on 6 meters from Virginia
> to California, and another dozen around New Mexico on 144
> and 432 MHz. The radio will run 5 watts, but I didn't know
> what to expect for battery life so I usually ran just 2.5 or
> even 1 watt.

Anyone know what is going on??

Mike

Date: Mon, 11 Jun 2001 11:18:08 -0400
From: ed.kwik@delphiauto.com
To: qrp-1@Lehigh.EDU
Subject: [99857] Re: [99689] Summary FD Laptop power suggestions
Message-ID: <05256A68.00542974.00@notes.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I forgot to list the N4UAU. Someone did mention it. Also after I sent out the message below, I got one from someone who had a different model IBM but they were able to run it directly from 12 volts. So over the weekend I measured the output of the power module and it was 16 VDC. I also pulled the battery and measured the open circuit terminal voltage and it was 10.3 VDC. So I should be able to power the laptop with a 12 VDC gel cell and not bother with any inverter or regulator or booster. I just need to find where I can get a power plug for the Thinkpad. It is tombstone shaped with four female pins. Anyone got any ideas?

Ed AB8DF

----- Forwarded by Ed Kwik on 06/11/2001 11:07 AM

"Doug Faunt N6TQS +1-510-655-8604" <faunt@panix.com> on 06/09/2001 02:54:56 PM

To: Ed Kwik@US_GM_TRY_TEC01
cc: qrp-1@Lehigh.EDU

Subject: Re: [99689] Summary FD Laptop power suggestions

Hmm, no one mentioned N4UAU's voltage booster project/kit which is perfect for this sort of thing.
Try <http://n4uautoo.home.sprynet.com/>

73, doug

Date: Fri, 8 Jun 2001 10:15:49 -0400
From: ed.kwik@delphiauto.com
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Thanks everyone who gave me advice. Most suggested I get a DC to AC inverter and run the laptop off of that. That's the way I am going to go since I need to

have one of these things around anyhow. Put one on my Fathers day list.

Other

suggestions included; DC to DC step up converter to get the 12VDC to 20 VDC, paralleling two of the 12VDC batteries together to get 24VDC and then into a regulator circuit for the 20VDC, getting an accessory for the laptop designed to

run my Thinkpad from auto power.

AB8DF Ed Kwik

Received: from plmlir1.mail.eds.com ([205.191.22.41]) by ustryg98.delphiauto.net (Lotus SMTP MTA v4.6.7 (934.1 12-30-1999)) with SMTP id 05256A66.0068041C; Sat, 9 Jun 2001 13:56:08 -0500

Received: from plmlir1.mail.eds.com (localhost [127.0.0.1])
 by plmlir1.mail.eds.com (8.11.3/8.11.3) with ESMTMP id f59IuDp17032
 for <ed.kwik@delphiauto.com>; Sat, 9 Jun 2001 14:56:13 -0400 (EDT)

Received: from plmler1.mail.eds.com (plmler1.mail.eds.com [199.228.142.71])
 by plmlir1.mail.eds.com (8.11.3/8.11.0) with ESMTMP id f59IswM16875
 for <ed.kwik@delphiauto.com>; Sat, 9 Jun 2001 14:54:58 -0400 (EDT)

Received: from mail2.panix.com (mail2.panix.com [166.84.0.213])
 by plmler1.mail.eds.com (8.11.1/8.11.1) with ESMTMP id f59Isw612390
 for <ed.kwik@delphiauto.com>; Sat, 9 Jun 2001 14:54:58 -0400

Received: from panix6.panix.com (panix6.panix.com [166.84.0.231])
 by mail2.panix.com (Postfix) with ESMTMP
 id B6F038F77; Sat, 9 Jun 2001 14:54:57 -0400 (EDT)

Received: (from faunt@localhost) by panix6.panix.com (8.8.8/8.7.1/PanixN1.0) id
 OAA26976; Sat, 9 Jun 2001 14:54:56 -0400 (EDT)

Date: Sat, 9 Jun 2001 14:54:56 -0400 (EDT)

Message-Id: <200106091854.OAA26976@panix6.panix.com>

X-Authentication-Warning: panix6.panix.com: faunt set sender to faunt@panix.com
 using -f

From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>

To: ed.kwik@delphiauto.com

Cc: qrp-1@Lehigh.EDU

In-reply-to: <05256A65.004EA5EF.00@notes.delphiauto.com>
 (ed.kwik@delphiauto.com)

Subject: Re: [99689] Summary FD Laptop power suggestions

References: <05256A65.004EA5EF.00@notes.delphiauto.com>

```
|----->
| USTRYG98/us/delphiauto |
| USTRYH99/us/delphiauto |
| USK0KH99/us/delphiauto |
| US_TRY_TECN01          |
|----->
>-----|
| 06/09/2001 02:56:13 PM - 06/09/2001 |
| 02:56:14 PM                          |
| 06/09/2001 02:56:16 PM - 06/09/2001 |
| 02:56:17 PM                          |
| 06/09/2001 02:56:17 PM - 06/09/2001 |
| 02:57:00 PM                          |
| 06/09/2001 02:56:58 PM - 06/09/2001 |
| 02:56:59 PM                          |
>-----|
```

Ed Kwik
Office of Systems Engineering
248-655-8277

Date: Mon, 11 Jun 2001 12:58:49 -0400
From: Tim O'Rourke <TO'Rourke@KaiserFT.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [99858] VHF Contest QRP rover
Message-ID: <910D8E9955E3D411B3AE00A0C9319CB80C62A3@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I took an FT-817, a lunch, some wire and a hand held yagi to work the contest last weekend. Jumped around on several Mtn tops in NC and VA. This was so much fun it must be illegal.

Had many contacts where I was 59+20 on 2.5 watts using the little yagi on 2 and 70cm. Worked one station in Europe with a 6 meter dipole and 5 watts! I really did not put much effort into this, I was mainly giving out multipliers to some fellow contesters next time I will get serious and say put longer.

If you have not worked a VHF contest, try it, especially portable and QRP, location is secrete not power. Find a mountain top and be prepared to have a blast. Antennas Arrow hand held yagi,& 6 meter folded dipole. Elevation 2000 to 3800 feet + 100 feet of fire tower at one location {Nirvana!}

Tim O'Rourke KG4CHX

Date: Mon, 11 Jun 2001 11:57:47 -0500
From: Ken Paulson <kpaulson@earthlink.net>
To: qrp-1@Lehigh.EDU, mnqrp-1@qth.net
Subject: [99859] Review of Hawaii QRP opps
Message-ID: <3B24F88B.5B2CBAD8@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I've just completed a business trip to Oregon and Hawaii, and did some

QRP operating in both locations, not without a few problems to overcome. The full story can be found at my website:

<http://home.earthlink.net/~kpaulson>

Hope you can stop by and give it a read.

Thanks,
Ken
NOHRL

Date: Mon, 11 Jun 2001 13:27:42 -0400
From: Peter_Simpson@ne.3com.com
To: qrp-l@lehigh.edu
Subject: [99860] Meters, meters...another KA1AXY giveaway!
Message-ID: <85256A68.0060CF5E.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Last year, we cleaned out my father-in-law's house. He was a "collector", and meters were one of the things he collected. I have a box-o-meters. These are used, likely working, (though this is not guaranteed) black bakelite meters of the "old style". Perfect for that "retro" project. Most are "standard" 3-1/2" round face, though there are some smaller and some larger. Each box has a mounting template on the back.

Here's the deal:

1. Check my web page:
<<http://www.qsl.net/ka1axy/meters/meters.html>>

If you see something that interests you or need more info, contact me off the list at <ka1axy@amsat.org> with the NUMBER of the meter that interests you. PLEASE - all references to a meter should be by its NUMBER (left hand column in the table).

2. No dealers. The aim here is to find a loving home for

these little guys, not to make someone a profit.

3. I'd say one to a customer, but I can see where you might need a set. So, convince me that you need more than one and I'll most likely go along with you. First come, first served.

4. No guarantees. But, the meters are FREE to a good home. All you pay is the shipping, priority mail ('cause they have free boxes). It's going to be in the neighborhood of \$5 and I'll get you the exact amount when I ship the package. You can drop me a check after I ship. Like I said, I'm not out to make any money here.

5. I'd appreciate it if someone who has access to the Boatanchors, old-radios and glowbugs lists could cross-post this message, as I suspect there may be some interest there, as well. Please check with me before you do this, and I'll tell you if someone else has already done it.

Yours for better equipment reuse,
Peter, KA1AXY

Date: Mon, 11 Jun 2001 13:58:16 -0400
From: David Siegrist <david.siegrist@compaq.com>
To: qrp-l@lehigh.edu
Subject: [99861] 2n2/40 question
Message-ID: <3B2506B8.C0979FC0@compaq.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello folks,

I am in the process of building the 2n2/40 and just finished the bandpass filter and mixer. I am trying to model each section as I go along, and had a problem getting the results I expected in the filter.

I am getting a very narrow bandpass (on the

order of 15 khz) with a very steep skirt.

Has anyone successfully modeled the filter?
Could you take a look at my spice deck, and
let me know what I am doing wrong.

Also, two other questions:

- * Jim indicates in his write up that the three turn primary of the input transformer provides a 50 ohm match to the antenna. How does this work? I have demonstrated how the secondary in parallel with the trimmers has an Fo around 7 Mhz, but I do not understand how the primary gives the proper impedance.
- * The output link is 7 turns, and Jim indicates it is to provide 350 ohm match to the rf amp. I don't understand how this works either.

Any insight would be appreciated. Please respond directly, as well as to the list, as I read the list in digest mode as time permits.

I have attached my MicroSim spice deck.

dave /nt1u

**** INCLUDING 2n22_bandpass.net ****
* Schematics Netlist *

```
C_C1      $N_0001 $N_0002 3pf
K_TX1     L1_TX1 L2_TX1 .55
L1_TX1    $N_0003 0 .036uh
L2_TX1    $N_0001 0 3.6uh
R_R1      $N_0004 $N_0003 1
C_C5      $N_0005 $N_0006 50pf
L_L1      $N_0006 $N_0004 12uh
C_C2      0 $N_0001 140pf
C_C3      0 $N_0002 140pf
V_V3      $N_0005 0 DC 1 AC 1
+SIN 0 1 7.05mhz 0 0 0
K_TX2     L1_TX2 L2_TX2 .55
L1_TX2    $N_0002 0 3.6uf
L2_TX2    $N_0007 0 .196uh
```

C_C4 \$N_0007 \$N_0008 .01uf
R_R2 0 \$N_0008 350

--

David Siegrist
Compaq Computer Corp. Alpha Processor Development
334 South St. SHR 3-2/R28
Shrewsbury, Ma. 01545

Date: Mon, 11 Jun 2001 14:32:33 -0400 (EDT)
From: <baltimoremd@baltimoremd.com>
To: Ted Wagner <kb9rpd@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [99862] Re: G3YCC "Website"
Message-ID: <Pine.BSI.4.05L.10106111430070.5559-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 Jun 2001, Ted Wagner wrote:

> If no one has any objection, I will volunteer to provide access to the
> website (unaltered as indicated in the g3ycc.exe program) from my website.

Join the crew...there are lots of us that have the site up

<http://www.zerobeat.net/g3ycc/index.htm>

thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Mon, 11 Jun 2001 14:07:26 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Cc: antennas@qth.net
Subject: [99863] Need advice
Message-ID: <21.ced13a3.285662de@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hi Gang,

I shortened my long wire to 100 feet and it's about 6 feet off the roof.

The roofing material has corrugated steel under it.

Also have it under me and it keeps out QRM from dimmer switches.

1. Can I feed this with coax and ground the braid to the metal flashing or the near by vent pipe?

2. Can I run the counter poise from the braid or should I run it from the back of the rig?

Any suggestions and tips will be greatly appreciated/

Thank you

Bob

WA2HOQrp <tm>

Date: Mon, 11 Jun 2001 22:38:47 -0700

From: Brian Kassel <bkassel@dancris.com>

To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>

Subject: [99864] Wars!

Message-ID: <3B25AAE7.7BA711A2@dancris.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gangue!

Just wanted to remind everyone who is contemplating coming to the ScQRPion Ft. Tuthill QRP event this year (July 27, 28 and 29), about one of our building contests. It's modeled after the TV program Junkyard Wars, we call it JunkBoxWars! It is your big chance to not only build a project using Manhattan style construction, but to be helped along the way by some pretty darn good experts in this field. You will wind up with a useful, but simple project as well.

It's pretty simple really to enter. We supply to anyone wishing to enter:

- 1.) A building station, consisting of a Soldering Iron, and a DVM.
- 2.) A booklet of schematics of 10 simple possible circuits from which to chose. None are over 2 transistors or 2 IC's.
- 3.) A blank PCB to be used as the ground plane.

4.) pre-cut islands for discrete components, and DIP type pads if you chose one of the 10 projects that use DIP IC's.

5.) 9 Volt battery connectors.

6.) Cans into which will fit the pre-cut ground plane board. Actually they are instant International Coffee cans, which amazingly enough, are the same dimensions as altoids mints boxes!

7.) Enough parts to build your selected project.

Here's the catch: you will have to improvise. You will have to substitute parts in some parts locations. For example, if the schematic calls for a 12K resistor, you may have to put a 2K and a 10K in series. Maybe you will need a 50 UF capacitor, you may have to put 2 25 UF capacitors in series to reach that amount. Or maybe, just maybe a 25 will work in that position, and a 50 UF is overkill. Just like the TV program, you will need to use some ingenuity. We GUARANTEE that parts substitution will be required in every project, but only for some components, not all. You may also go out into the Swap meet and buy, barter or steal parts if you like. We will not be covering any jail fines, and our treasury can not probably cover any bails either.

You supply:

1.) 1 9V battery.

2.) Your own simple tools: Solder, wire cutters, pliers, screwdriver etc. We will try to supply a few common tools that can be shared, but there may not be enough to go around for everyone.

3.) Although we will supply the cans noted in (6) above, you can optionally bring your own Altoids tin as well if you desire, although we will NOT be supplying connectors other than the 9V one mentioned above.

4.) Your favorite glue. We will have available 12 tubes of the instant so-called crazy glue, but we highly recommend that you bring your own glue or adhesive. No points are given for glued shut eyes and missing patches of skin ;).

5.) PUT YOUR NAME ON ALL ITEMS THAT YOU BRING AND WANT TO TAKE BACK. We don't want to have to take DNA samples from that skin sample in order to prove ownership.

Judging will occur at the Saturday night cookout, and prizes will be awarded. Actually EVERYONE who enters will get some sort of prize, not to mention a useful circuit to take home and enjoy.

Questions about this event should be directed to me:
bkassel@dancris.com

We hope to see you there!

Brian K7RE

Date: Mon, 11 Jun 2001 11:46:50 -0700 (PDT)
From: Peter James <ptndi@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [99865] For Sale
Message-ID: <20010611184650.57893.qmail@web11207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Due to the recent addition of a K2, I have the
following excess QRP rigs for sale:

Wilderness Sierra with keyer/wattmeter/digital freq
readout, noise blanker, and modules for 80, 40, 30,
20, 17, 15, and 10.
Shipped for \$350

OHR 100A for 40 meters with the 10 turn pot mod and
builtin OHR keyer
Shipped for \$135

Emtech NW30--just completed 30 meter xcvr ..Needs a
good tune up. Works okay, but needs tuning and
tweeking.
Shipped for \$115

Would consider some swapping if you have an OHR
wattmeter.

contact Pete, WM4U at WM4U@ARRL.net

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Mon, 11 Jun 2001 11:48:38 -0700 (PDT)
From: Ted Wagner <kb9rpd@yahoo.com>

To: bkassel@dancris.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [99866] Re: Wars!
Message-ID: <20010611184838.64497.qmail@web14006.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

WOW! THAT's a great idea!!!!!!!

Anyone know someone in charge of the Dayton Hamfest? Wouldn't that be a great contest! You've got 6 hours to build a transceiver out of parts from a junk pile. Then, you have 2 hours to QSO. The team with the longest DX contact using the LEAST amount of power wins! ;-)

--- Brian Kassel <bkassel@dancris.com> wrote:

> Gangue!

>

> Just wanted to remind everyone who is contemplating coming to the
> ScQRPion Ft. Tuthill QRP event this year (July 27, 28 and 29), about one
> of our building contests. It's modeled after the TV program Junkyard
> Wars, we call it JunkBoxWars! It is your big chance to not only build a
> project using Manhattan style construction, but to be helped along the
> way by some pretty darn good experts in this field. You will wind up
> with a useful, but simple project as well.

>

> It's pretty simple really to enter. We supply to anyone wishing to
> enter:

>

> 1.) A building station, consisting of a Soldering Iron, and a DVM.

>

> 2.) A booklet of schematics of 10 simple possible circuits from which to
> chose. None are over 2 transistors or 2 IC's.

>

> 3.) A blank PCB to be used as the ground plane.

>

> 4.) pre-cut islands for discrete components, and DIP type pads if you
> chose one of the 10 projects that use DIP IC's.

>

> 5.) 9 Volt battery connectors.

>

> 6.) Cans into which will fit the pre-cut ground plane board. Actually
> they are instant International Coffee cans, which amazingly enough, are
> the same dimensions as altoids mints boxes!

>

> 7.) Enough parts to build your selected project.

>

> Here's the catch: you will have to improvise. You will have to
> substitute parts in some parts locations. For example, if the schematic

> calls for a 12K resistor, you may have to put a 2K and a 10K in series.
> Maybe you will need a 50 UF capacitor, you may have to put 2 25 UF
> capacitors in series to reach that amount. Or maybe, just maybe a 25
> will work in that position, and a 50 UF is overkill. Just like the TV
> program, you will need to use some ingenuity. We GUARANTEE that parts
> substitution will be required in every project, but only for some
> components, not all. You may also go out into the Swap meet area and buy,
> barter or steal parts if you like. We will not be covering any jail
> fines, and our treasury can not probably cover any bails either.
>
> You supply:
>
> 1.) 1 9V battery.
>
> 2.) Your own simple tools: Solder, wire cutters, pliers, screwdriver
> etc. We will try to supply a few common tools that can be shared, but
> there may not be enough to go around for everyone.
>
> 3.) Although we will supply the cans noted in (6) above, you can
> optionally bring your own Altoids tin as well if you desire, although we
> will NOT be supplying connectors other than the 9V one mentioned above.
>
> 4.) Your favorite glue. We will have available 12 tubes of the
> instant so-called crazy glue, but we highly recommend that you bring
> your own glue or adhesive. No points are given for glued shut eyes and
> missing patches of skin ;).
>
> 5.) PUT YOUR NAME ON ALL ITEMS THAT YOU BRING AND WANT TO TAKE BACK. We
> don't want to have to take DNA samples from that skin sample in order to
> prove ownership.
>
> Judging will occur at the Saturday night cookout, and prizes will be
> awarded. Actually EVERYONE who enters will get some sort of prize, not
> to mention a useful circuit to take home and enjoy.
>
> Questions about this event should be directed to me:
> bkassel@dancris.com
>
> We hope to see you there!
>
> Brian K7RE

=====

KB9RPD
Ted Wagner
Plainfield, IN 46168 USA
<http://members.tripod.com/kb9rpd>

<http://www.qrz.com/database?callsign=kb9rpd>

Do You Yahoo!?

Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Mon, 11 Jun 2001 14:10:23 -0500
From: "George, W5YR" <w5yr@att.net>
To: david.siegrist@compaq.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [99867] Re: 2n2/40 question
Message-ID: <3B25179F.69FC8D59@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The impedance ratio of an *ideal* transformer with turns ratio "n" is such that the impedance Z_s seen at the secondary from an impedance Z_p connected to the primary is $n^2 Z_i$.

>From your description, the turns ratio n is 7/3 or 2.333... which squared is 5.444...

Thus, if the primary were connected to a 50-ohm resistor, the impedance seen at the secondary would be 50×5.44 or about 272 ohms resistive.

I have not seen the material you are talking about, but the implication from your description is that the secondary impedance (350 ohms) is the number of secondary turns (7) times the primary impedance (50 ohms). I do not understand this.

The impedance seen at the primary for a secondary load depends as shown above on the turns ratio. Thus, to estimate the impedance seen looking into the 3-turn primary, one would have to know the actual impedance of the secondary load.

Sorry if I have misunderstood any or all of this and just muddled the waters further!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

David Siegrist wrote:

>
> Hello folks,
> I am in the process of building the 2n2/40
> and just finished the bandpass filter and
> mixer. I am trying to model each section as
> I go along, and had a problem getting the
> results I expected in the filter.
>
> I am getting a very narrow bandpass (on the
> order of 15 khz) with a very steep skirt.
>
> Has anyone successfully modeled the filter?
> Could you take a look at my spice deck, and
> let me know what I am doing wrong.
>
> Also, two other questions:
>
> * Jim indicates in his write up that the
> three turn primary of the input
> transformer provides a 50 ohm match
> to the antenna. How does this work?
> I have demonstrated how the secondary
> in parallel with the trimmers has an
> Fo around 7 Mhz, but I do not understand
> how the primary gives the proper impedance.
>
> * The output link is 7 turns, and Jim
> indicates it is to provide 350 ohm match
> to the rf amp. I don't understand how this
> works either.
>
> Any insight would be appreciated. Please respond
> directly, as well as to the list, as I read the
> list in digest mode as time permits.

Date: Mon, 11 Jun 2001 14:18:15 -0500
From: "George, W5YR" <w5yr@att.net>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [99868] Re: Need advice
Message-ID: <3B251977.3AD3669E@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob, I wonder if you would not do MUCH better to mount a vertical antenna on that sheet metal roofing and put it to use as a ground plane. As it is, it is mostly absorbing a lot of your rf energy. Also, your antenna is shooting straight up since it is mounted so close to the effective ground for your system.

I do not think that you want to try to end-feed that antenna with coax unless you set the length to be 1/4-wave for a favorite band. Still, any horizontal antenna parallel to a steel surface only 6 feet below it is not the best recipe for efficiency.

I sure would go for some sort of vertical. I use the Butternut HF9V for all bands over 60 ground radials and it is tops. I suspect that it would work very well in your situation. If you don't want to invest that much, stick up a 33-ft length of aluminum tubing on a plastic coke bottle and guy it in three places. Feed the bottom with the coax center wire and connect the braid to the metal roofing and toss out a few radials as well, just in case the roofing sections don't make good electrical contact.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

RangerSF5@aol.com wrote:

>
> Hi Gang,
> I shortened my long wire to 100 feet and it's about 6 feet off the roof.
> The roofing material has corrugated steel under it.
> Also have it under me and it keeps out QRM from dimmer switches.
>
> 1. Can I feed this with coax and ground the braid to the metal flashing or
> the near by vent pipe?
>
> 2. Can I run the counter poise from the braid or should I run it from the
> back of the rig?
> Any suggestions and tips will be greatly appreciated/
> Thank you
> Bob
> WA2HOQrp <tm>

Date: Mon, 11 Jun 2001 15:23:09 -0400
From: ed.kwik@delphiauto.com

To: qrp-1@Lehigh.EDU
Subject: [99869] New England QRP for SSB
Message-ID: <05256A68.006A8104.00@notes.delphiauto.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

The 40m qrp freq of 7.285 MHz may be off limits due to the flooding in TX.

Ed AB8DF

----- Forwarded by Ed Kwik on 06/11/2001 03:21 PM

"Mike Yetsko" <myetsko@insydesw.com> on 06/11/2001 11:13:04 AM

Please respond to myetsko@insydesw.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Ed Kwik)

Subject: New England QRP for SSB

I'm going to try to get on QRP SSB tomorrow night at the scout meeting. I plan on taking my K2, and throwing a 40M dipole up in the air on the 'island' the scouts use for their meetings. I'm not sure yet if I'll take a gel-cell or if I'll just try to be near the vehicle (a Gold Wing if it's nice).

I didn't check in before since 7pm is the start of our meetings, but since I saw a recent note about moving back to 7:30...

I'm going to try to be on, if it's nice.

If the weather is bad, I won't make it, as we'll move the meetings indoors to the church basement, and I just couldn't get set up there in a half hour.

So, what frequency? And any issue that need to be addressed?

Mike

Received: from plmlir1.mail.eds.com ([205.191.22.41]) by ustryg98.delphiauto.net (Lotus SMTP MTA v4.6.7 (934.1 12-30-1999)) with SMTP id 05256A68.00684F27; Mon, 11 Jun 2001 13:59:20 -0500

Received: from plmlir1.mail.eds.com (localhost [127.0.0.1])
by plmlir1.mail.eds.com (8.11.3/8.11.3) with ESMTTP id f5BIxN125788
for <ed.kwik@delphiauto.com>; Mon, 11 Jun 2001 14:59:24 -0400 (EDT)

Received: from plmler1.mail.eds.com (plmler1.mail.eds.com [199.228.142.71])
by plmlir1.mail.eds.com (8.11.3/8.11.0) with ESMTTP id f5BGUkn19101
for <ed.kwik@delphiauto.com>; Mon, 11 Jun 2001 12:56:20 -0400 (EDT)

Received: from astro.CC.Lehigh.EDU (astro.CC.Lehigh.EDU [128.180.39.2])
by plmler1.mail.eds.com (8.11.1/8.11.1) with ESMTTP id f5BGUJ005714
for <ed.kwik@delphiauto.com>; Mon, 11 Jun 2001 12:56:19 -0400

Received: from localhost ([127.0.0.1]:14598 "HELO astro.CC.Lehigh.EDU") by
astro.CC.Lehigh.EDU with SMTP id <77158-12272>; Mon, 11 Jun 2001 11:14:26 -0400

Received: from nss4.CC.Lehigh.EDU ([128.180.39.1]:39890 "EHLO
nss4.cc.lehigh.edu") by astro.CC.Lehigh.EDU with ESMTTP id <77140-12271>; Mon, 11
Jun 2001 11:14:12 -0400

Received: from mail5.registeredsite.com (mail5.registeredsite.com [64.224.9.14])

by nss4.cc.lehigh.edu (8.11.2/8.11.1) with ESMTTP id f5BFEAT140380
for <qrp-l@Lehigh.EDU>; Mon, 11 Jun 2001 11:14:10 -0400

Received: from mail.insydesw.com (mail.insydesw.com [64.224.253.83])
by mail5.registeredsite.com (8.11.1/8.11.1) with ESMTTP id f5BFEFK05995
for <qrp-l@Lehigh.EDU>; Mon, 11 Jun 2001 11:14:15 -0400

Received: from mikey [64.224.253.83] by mail.insydesw.com with ESMTTP
(SMTPD32-6.04) id A03824100A6; Mon, 11 Jun 2001 11:14:00 -0400

Message-Id: <007b01c0f289\$1315a1c0\$6b01a8c0@INSYDENT>

Date: Mon, 11 Jun 2001 11:13:04 -0400

Reply-To: myetsko@insydesw.com

Sender: owner-qrp-l@Lehigh.EDU

Precedence: bulk

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: New England QRP for SSB

References: <000d01c0f27f\$2e0a01b0\$3d05080a@cincom.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

X-To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

X-Priority: 3

X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 5.00.2615.200
X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2615.200
X-Orcpt: rfc822;qrp-1@listserv.cc.lehigh.edu
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

```
|----->
| USTRYG98/us/delphiauto |
| USTRYH99/us/delphiauto |
| USK0KH99/us/delphiauto |
| US_TRY_TECN01          |
|----->
>-----|
| 06/11/2001 02:59:27 PM - 06/11/2001 |
| 02:59:28 PM                          |
| 06/11/2001 02:59:29 PM - 06/11/2001 |
| 02:59:29 PM                          |
| 06/11/2001 02:59:32 PM - 06/11/2001 |
| 03:00:54 PM                          |
| 06/11/2001 03:00:50 PM - 06/11/2001 |
| 03:00:50 PM                          |
>-----|
```

Ed Kwik
Office of Systems Engineering
248-655-8277

Date: Mon, 11 Jun 2001 19:27:10 +0000
From: alan.kaul@att.net
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: Brian Kassel <bkassel@dancris.com>
Subject: [99870] Re: Wars!
Message-ID:
<20010611192710.KDKR2093.mtiwmhc28.worldnet.att.net@webmail.worldnet.att.net>

Brian wrote:

>Maybe you will need a 50 UF capacitor, you may have to
put 2 25 UF capacitors in series to reach that amount.<

One other important item to bring with you is a Handbook, just in case those pesky formulas aren't exactly as you remembered them

72/73 de alan

--

Alan Kaul W6RCL e-mail: w6rcl@amsat.org

<http://worldnet.att.net/~alan.kaul/index.html>

> Gangue!

>

> Just wanted to remind everyone who is contemplating coming to the
> ScQRPion Ft. Tuthill QRP event this year (July 27, 28 and 29), about one
> of our building contests. It's modeled after the TV program Junkyard
> Wars, we call it JunkBoxWars! It is your big chance to not only build a
> project using Manhattan style construction, but to be helped along the
> way by some pretty darn good experts in this field. You will wind up
> with a useful, but simple project as well.

>

> It's pretty simple really to enter. We supply to anyone wishing to
> enter:

>

> 1.) A building station, consisting of a Soldering Iron, and a DVM.

>

> 2.) A booklet of schematics of 10 simple possible circuits from which to
> chose. None are over 2 transistors or 2 IC's.

>

> 3.) A blank PCB to be used as the ground plane.

>

> 4.) pre-cut islands for discrete components, and DIP type pads if you
> chose one of the 10 projects that use DIP IC's.

>

> 5.) 9 Volt battery connectors.

>

> 6.) Cans into which will fit the pre-cut ground plane board. Actually
> they are instant International Coffee cans, which amazingly enough, are
> the same dimensions as altoids mints boxes!

>

> 7.) Enough parts to build your selected project.

>

> Here's the catch: you will have to improvise. You will have to
> substitute parts in some parts locations. For example, if the schematic
> calls for a 12K resistor, you may have to put a 2K and a 10K in series.
> Maybe you will need a 50 UF capacitor, you may have to put 2 25 UF
> capacitors in series to reach that amount. Or maybe, just maybe a 25
> will work in that position, and a 50 UF is overkill. Just like the TV

> program, you will need to use some ingenuity. We GUARANTEE that parts
> substation will be required in every project, but only for some
> components, not all. You may also go out into the Swap meet and buy,
> barter or steal parts if you like. We will not be covering any jail
> fines, and our treasury can not probably cover any bails either.
>
> You supply:
>
> 1.) 1 9V battery.
>
> 2.) Your own simple tools: Solder, wire cutters, pliers, screwdriver
> etc. We will try to supply a few common tools that can be shared, but
> there may not be enough to go around for everyone.
>
> 3.) Although we will supply the cans noted in (6) above, you can
> optionally bring your own Altoids tin as well if you desire, although we
> will NOT be supplying connectors other than the 9V one mentioned above.
>
> 4.) Your favorite glue. We will have available 12 tubes of the
> instant so-called crazy glue, but we highly recommend that you bring
> your own glue or adhesive. No points are given for glued shut eyes and
> missing patches of skin ;).
>
> 5.) PUT YOUR NAME ON ALL ITEMS THAT YOU BRING AND WANT TO TAKE BACK. We
> don't want to have to take DNA samples from that skin sample in order to
> prove ownership.
>
> Judging will occur at the Saturday night cookout, and prizes will be
> awarded. Actually EVERYONE who enters will get some sort of prize, not
> to mention a useful circuit to take home and enjoy.
>
> Questions about this event should be directed to me:
> bkassel@dancris.com
>
> We hope to see you there!
>
> Brian K7RE

Date: Mon, 11 Jun 2001 20:25:37 +0100
From: Euramcom <mel@euramcom.freemove.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [99871] Florida Hamfests
Message-ID: <E159XOP-0007kA-00.2001-06-11-20-30-29@mail6.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi guys,

I'm doing the Disney bit next year with the two daughters and the=4
grandchildren. My wife and I want to stay on after for a week or=so
and explore a bit.

Can anyone recommend any annual hamfests/conventions held in the=touristy areas of Florida that I could or should build my time
around? We anticipate travelling round about first week in July
onwards.

Thanks for the OT'ish badwidth, I thought I would ask now so's=you
would perhaps remember some that are upcoming shortly.

Reply direct if you want to keep the list down

mel@euramcom.freeseve.co.uk

Regards

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeseve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeseve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Mon, 11 Jun 2001 15:33:54 -0500
From: "Joe Spencer" <kk5na@quadj.com>
To: <aa5tb@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [99872] Re: QRP Dupe Question
Message-ID: <008e01c0f2b5\$d5ac11c0\$6601a8c0@c1552060c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Steve,

We have used WR9R's software program for several years...it works well and is pretty straight forward to operate and easy to retrieve the log info to send in. Here is a bit about it...

This program will log callsigns, associated reports, and QTHs to support a Field Day's QSOing. It is a real-time data entry system, that aids in avoiding duplications.

All QSOs are logged into a common ASCII data base for easy access. The system can later split the log up by mode and band, into separate files, sorted into alpha-numeric order by call, and generate summary sheets. Over 9,000 stations with their reports can be logged, with any duplicate entries detected and rejected at a very high rate.

Automatic dupe checking and partial call checking can be disabled if you wish, speeding up the process (if your computer is a little slow and you're commanding a pile-up, for example). Partial calls are displayed in the lower-left window and can be detected automatically.

Calls displayed in the "Partial" window only apply to the current operating mode and band, this helps in the detection of duplicates before the QSO is actually made.

An audible warning is used to help indicate that an entry has been rejected, along with a pop-open window.

This system is designed to work on IBM PC XT, AT, 386, clones and compatibles with at least 384K of memory and a MONOCHROME, CGA, EGA, or VGA adaptor.

Works with every computer I have tried and never lost any data yet. Just go into your "search engine" on your browser and type "WR9R" and you will find several places to download a copy...I think 502 is the latest.

Here is the author's info I found in the software docs;

Larry D. O'Cull <http://www.prllc.com/~locull/wr9r/>
ARS - WR9R
4002 W. 146th
Westfield, IN
46074

72.3

Joe KK5NA kk5na@quadj.com 817-572-2218

Vice President - QRP ARCI <http://www.qrparci.org>

----- Original Message -----

From: Steve Yates, AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, June 10, 2001 6:53 PM

.....snip.....

>For that matter,
> is there any other free and downloadable software that would be
> better for this purpose? I don't want to be hung from one of the
> club's 100' oak trees at the end of Field Day ;-)
>
> 73,
> Steve Yates - AA5TB
> Fort Worth, Texas
> Grid Square: EM12gs
> aa5tb@arrl.net
> <http://www.geocities.com/aa5tb/>
>

Date: Mon, 11 Jun 2001 15:44:23 -0500
From: "George, W5YR" <w5yr@att.net>
To: alan.kaul@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [99873] Re: Wars!
Message-ID: <3B252DA7.F77E682B@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Or, to spell it out: two 25-uf caps in series gives a resultant 12.5-uf cap, not a 50-uf cap. Inductances do add in series like resistors, but not caps.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

alan.kaul@att.net wrote:

>

> Brian wrote:

>
> >Maybe you will need a 50 UF capacitor, you may have to
> put 2 25 UF capacitors in series to reach that amount.<
>
> One other important item to bring with you is a
> Handbook, just in case those pesky formulas aren't
> exactly as you remembered them

Date: Mon, 11 Jun 2001 17:11:17 -0400
From: "Howard Kraus" <K2UD@adelphia.net>
To: <draperbl@sandia.gov>
Cc: <qrp-1@Lehigh.EDU>
Subject: [99874] Re: VHF-QRP, anyone else?
Message-ID: <002e01c0f2bb\$0ec0dae0\$c7613018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I was only able to get on Sunday afternoon. Discovered the contest Sunday morning, a bit late, methinks.

The details:

Icom IC-502 SSB/CW portable 3W
Old Hi-Par Hilltopper 3 element folding yagi (cool antenna!)
Solar power, no batteries!
Lots of sun
Plenty of beer
Sunburn (see solar power/lots of sun above)
2 QSOs only, both into Florida on (gulp) SSB

This is always a fun precursor to Field Day, where 6M is also hot! CU there.

72

Howard Kraus, K2UD

Date: Mon, 11 Jun 2001 14:51:22 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>
Subject: [99875] JunkBoxWars! Addenda

Message-ID: <3B253D5A.696FFC37@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I forgot to mention that most of the 10 projects of the JunkBoxWars! series have already been built and tested using Manhattan construction. They will be available for viewing and examination at the event, so that the layout can be copied if desired for those timid souls who might feel that laying out a project like this is tough.

We hope to have a new really fun kit available too, with a PCB etc. Since we are not quite sure that we can make the deadline for the Ft. Tuthill hamfest, we won't be announcing it unless we know for sure that we can make it in time. If not, we will be offering it after the event. We have built several here using Manhattan construction, and it is just the cutest little thing to come down the pike.

It is NOT a radio.
It uses a PIC microprocessor.
It was developed by Dan Tayloe.
It has to do with CW.
It is NOT a keyer.
It will be cheap.
It will....

Well, better wait.

Brian K7RE

Date: Mon, 11 Jun 2001 17:04:22 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <k7rx@qwest.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [99876] Good verticals in Force 12 and Gap Titan
Message-ID: <034e01c0f2c2\$78805f30\$4e100a0a@rohredt2000>

Hi,

In answer to the specific query, I have the Gap Titan up about 6 feet and have outstanding performance on all bands I use, 80 to 10 SSB mostly.

I do not use the WARC bands all that much, but it loads well there as well. It is rated for full bandwidth for all bands save 80m, which I think is important, and which no other of the small vertical all banders will do.

It is an asymmetrical vertical dipole, fed at the center. It is 25 feet or so tall, and thus uses a structure at the base with rods supporting 30 feet circumference of wire on insulators except where the wires join the rod connecting it to main mast. This forms the resonance for 40m, and works fine. 80m has to have a capacitor loaded coax stub inside the vertical, across the feed point to get resonance on 80m. You can pick the cap value at time of purchase, for any 100 kHz segment of 75/80, but in practice I get more than 100 kHz.

While very satisfied with the Gap products, which are rugged and have survived near tornadic winds, (70 mph) here which took out nearby trees, I have watched with interest the slim and sleek, new tri band vertical dipoles from Force 12. I saw Tom just this weekend at Ham Com, and bought his \$10 book on antenna topics, which is a good read by the way. The verticals he made up for the Caribbean DX contest are very eye appealing to non hams. You have a shortened dipole on either side of the main vertical dipole, very simple, very clean. I think they are either sleeve or parallel fed. The center dipole supports the other two. The two outer ones have hairpin upper ends as linear loading to shorten them and allow all to be same top height. A great idea. There is an insulator at the bottom end of the main dipole to support its end on a ground post. I am not sure if the feed line goes up the base of the Force 12 or goes into the center from the outside, up in the air.

The linear loading of Gap Titan is more busy, since it has more bands. It has its coax going into the base.

Now, if you could add a Tee wire to the Force 12, you could perhaps get 80m with a visually appealing solution, or perhaps an inverted vee for 80 in a tree would satisfy the wife. Some antennas are beautiful only to hams. I think the Butternut vertical and beam were in that class.

Force 12 has 20 to 10 on one vertical, and a separate 40m vertical, which is shortened, and has two horizontal loading tubes at the dipole ends to make up for the short vertical distance. Someone on the list has one of these and hopefully will comment to the group.

Good luck,

73,

Stuart K5KVH

Date: Fri, 8 Jun 2001 15:45:25 -0500

From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

To: "'rick@ltcable.com'" <rick@ltcable.com>, Low Power Amateur Radio Discussion

<qrp-1@lehigh.edu>
Subject: [99877] Solid Enameled Wire
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49BC8@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

Try radio sNack -- they have s-m-a-l-l rolls of enameled wire.

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: Rick Austin [SMTP:rick@ltcable.com]
> Sent: Friday, June 08, 2001 3:46 PM
> To: Low Power Amateur Radio Discussion
> Subject: Source of Solid Enameled Wire
>
> Hi Folks,
>
> I need to wind two toroids, one each for a Z-Match and a 4:1 balun. I plan
> to use #22 for the former and #28 for the latter. My usual junque supply
> only sells these in one pound reels which contain 500' and 1000'
> respectively. Total cost of both is \$23.00 plus tax. I think 100' of each
> might constitute a lifetime supply for me, so I don't want to spend the 23
> bucks which brings me to my question: Where does one go for smaller
> quantities of these?
>
> Rick Austin in Austin (TX, of course)
> KD5LAQ
>
> PS: In the event you want to know how old I am, let's just say I don't
> need
> a fake ID to buy margaritas at Chuy's on Barton Springs Road.
>

Date: Mon, 11 Jun 2001 17:12:21 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Phil Wheeler" <w7ox@earthlink.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [99878] Yes, your Gap Titan was too close to other metal
Message-ID: <035a01c0f2c3\$96142120\$4e100a0a@rohredt2000>

Phil,
I have documented one other case, where the vertical was too close to metal
vertical chimney flue pipe and would not work on 30m, the band where the

flue pipe was a quarter wave high!

Any vertical suffers the same fate, if placed too close to other metal objects such as other towers, poles, etc.

Mine has done fine out in the clear, about 15 feet from a short tower. It is even touching a nearby tree canopy, every Spring until I trim the tree. Still works DX fine, and short skip as well.

On the other hand, my G5RV variant has given mechanical problems due to being in the trees, and low, and it has suffered from wind storms.

Every antenna will someday have a problem, they all need TLC!

72,

Stuart K5KVH

Date: Mon, 11 Jun 2001 15:22:10 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: ed.kwik@delphiauto.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [99879] Re: New England QRP for SSB
Message-ID: <20010611222210.29791.qmail@web14208.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

7.285 is dead for general ham activities for a couple of days. Our thoughts go out to our fellow qrpers, and all those affected by the flooding.

73, Bill

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35 a year! <http://personal.mail.yahoo.com/>

Date: Mon, 11 Jun 2001 18:19:09 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: kc4atu@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [99880] Re: New England QRP for SSB
Message-ID: <3B2543DD.44BF93C0@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill, and the rest of you,

Oh golly gosh, 7285 is off limits because of an emergency. Is that the only frequency you guys have available? Haven't you guys heard, VFO's are all the rage! Move and be happy. Y0u can go back when the emergency is over!

73

Date: Mon, 11 Jun 2001 15:30:27 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [99881] Re: Need advice
Message-ID: <MABBJ0EAB0ILMKCJCLFC0ECECIAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob

Since the counterpoise is part of the antenna system, it should be connected to the braid at the antenna end of the coax.

73, Bob N6WG

End of QRP-L Digest 2217

